UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO.   : 7,062,093 B2
APPLICATION NO. : 09/965236
DATED   : June 13, 2006
INVENTOR(S)   : Carsten Steger

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Title Page (73) delete "MVTECH" and insert therefor -- MVTec --.

On the Title Page (75), in the inventor's name,

"Carstan" should read --Carsten--.

Column 2, line 5, "ɸ" should read -- φ --.

Column 2, line 21, "ɸ" should read -- φ --.

Column 2, line 24, "ɸ" should read -- φ --.

Column 10, lines 10-14, the lower portion of the equation after the second "=" should read:

$$\frac{1}{n}\sum_{i=1}^{n}\frac{d_i''^{x}\,e^{x}_{x+p_i'^{x},\,y+p_i''^{y}}+d_i''^{y}\,e^{y}_{x+p_i'^{x},\,y+p_i''^{y}}}{\sqrt{\left(d_i''^{x}\right)^{2}+\left(d_i''^{y}\right)^{2}}\cdot\sqrt{\left(e^{x}_{x+p_i'^{x},\,y+p_i''^{y}}\right)^{2}+\left(e^{y}_{x+p_i'^{x},\,y+p_i''^{y}}\right)^{2}}}$$

Column 11, line 55, "ɸ$_{min}$ ≤ ɸ ≤ ɸ$_{max}$" should read:

--ω$_{min}$ ≤ ω ≤ ω$_{max}$ --

Column 13, line 6, "ɸ" should read -- φ --.

Column 14, line 40, "Δω" should read -- Δφ --.

Column 16, line 25, "ɸ" should read -- φ --.

Column 16, line 44, "ɸ" should read -- φ --.

Column 16, line 46, "ɸ" should read -- φ --.

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,062,093 B2
APPLICATION NO. : 09/965236
DATED   : June 13, 2006
INVENTOR(S) : Carsten Steger

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 18, line 1-4, the equation should read:

$$\frac{1}{m}\sum_{j=1}^{m}\left\| Aq_j + t - r_j \right\| \rightarrow \min$$
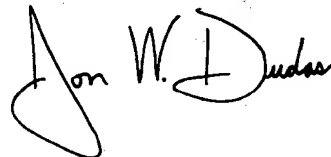
Column 21, line 31, "$\phi_{min} \leq \phi \leq \phi_{max}$" should read:

--$\omega_{min} \leq \omega \leq \omega_{max}$ --

Column 22, line 48, "ϕ" should read -- φ --.

Signed and Sealed this

Twenty-fifth Day of September, 2007

JON W. DUDAS
Director of the United States Patent and Trademark Office